

Patent Abstracts of Japan

PUBLICATION NUMBER : 07265900
PUBLICATION DATE : 17-10-95

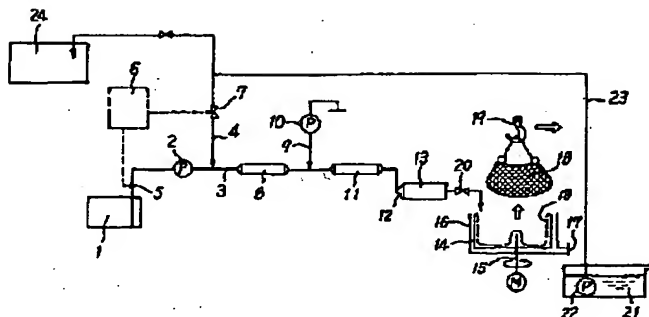
APPLICATION DATE : 01-04-94
APPLICATION NUMBER : 06065071

APPLICANT : AUTO SETSUTO:KK;

INVENTOR : MARUOKA IKUO;

INT.CL. : C02F 11/12 C02F 11/14

TITLE : SLUDGE TREATING DEVICE



ABSTRACT : PURPOSE: To further enhance cost effectiveness and to eliminate the possibility of generation of secondary pollution by improving the efficiency of treating a large amt. of sludge and effectively utilizing the separated water discharged from a dehydrating stage.

CONSTITUTION: A sludge press feeding pump 2, a reflux water feed-in pipe 4 for regulating a moisture content to $\geq 30\text{wt.}\%$, a first stirrer 8, more preferably a pipeline stirrer, a flocculating agent supply pipeline 9, a second stirrer 11, more preferably a pipeline stirrer and an expanding pipe for pressure reduction are successively disposed at a sludge transporting pipe 3 from its inlet side. This sludge transporting piping is provided, on its outlet side, with a centrifugal-dehydrated solid separating means consisting of a dehydrated solid separating means, more preferably a centrifugal dehydrating machine loaded with freely attachable and detachable bag-shaped filter cloth and a transfer means for taking out this bag-shaped filter cloth and is provided with a waste water circulating system for returning the separated water discharged by this dehydrating means to the reflux water inflow pipe and a sludge generator.

COPYRIGHT: (C)1995,JPO